July 2, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Daniel H. Cohn, Muhammad Faiyaz ul Haque, Lily M. King and

Deborah Krakow

Serial No.

UNASSIGNED

Filed:

Herewith

For:

3-PHOSPHOADENOSINE-5-PHOSPHOSULFATE (PAPS)

SYNTHETASE PROTEINS AND METHODS FOR TREATING

OSTEOARTHRITIC DISORDERS

Examiner:

Unknown

Unit:

TRANSMITTAL OF AND INFORMATION DISCLOSURE STATEMENT

CERTIFICATE OF EXPRESS MAILING

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE AND LABEL INDICATED BELOW AND IS ADDRESSED TO BOX PATENT APPLICATION, THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D. C. 20231—

JULY 2, 2001

Date of Deposit and Signature

EL 900688417 US

Ann Weiss

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BOX PATENT APPLICATION Assistant Commissioner for Patents Washington, D. C. 20231

Dear Sir:

Applicant's attorney submits herewith copies of the patents and/or other literature of which he is aware, that he believes may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

Applicant's attorney further submits herewith Form PTO-1449, "Information Disclosure Statement" by Applicant. A copy of each of the disclosed patents and other references listed as other documents Nos. 1-71 is not being submitted herewith, because under Rule 37 C.F.R. § 1.98(d) this art was previously cited by the Examiner and/or the Applicant in connection with U.S. Serial No. 09/399,212, filed September 17, 1999. This previously filed Application was cited by applicant in this present Application per 35 U.S.C. §§ 120 and 119(e).

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists (37 C.F.R. 1.97(h)). Further the filing of this information disclosure statement shall not be construed as an admission against interest in any manner.

This information disclosure statement is being filed herewith along with a divisional application and believe there is no fee involved. However, the Commissioner is hereby authorized to charge any fees required to Deposit Account No. 50-1597.

Respectfully submitted,

By:

Nisan A. Steinberg, Ph.D.

Registration No. 40,345

SIDLEY AUSTIN BROWN & WOOD 555 West Fifth Street

Los Angeles, California 90013-1010

Ofc: 213/896-6665 Fax: 213/896-6600